



FACT SHEET



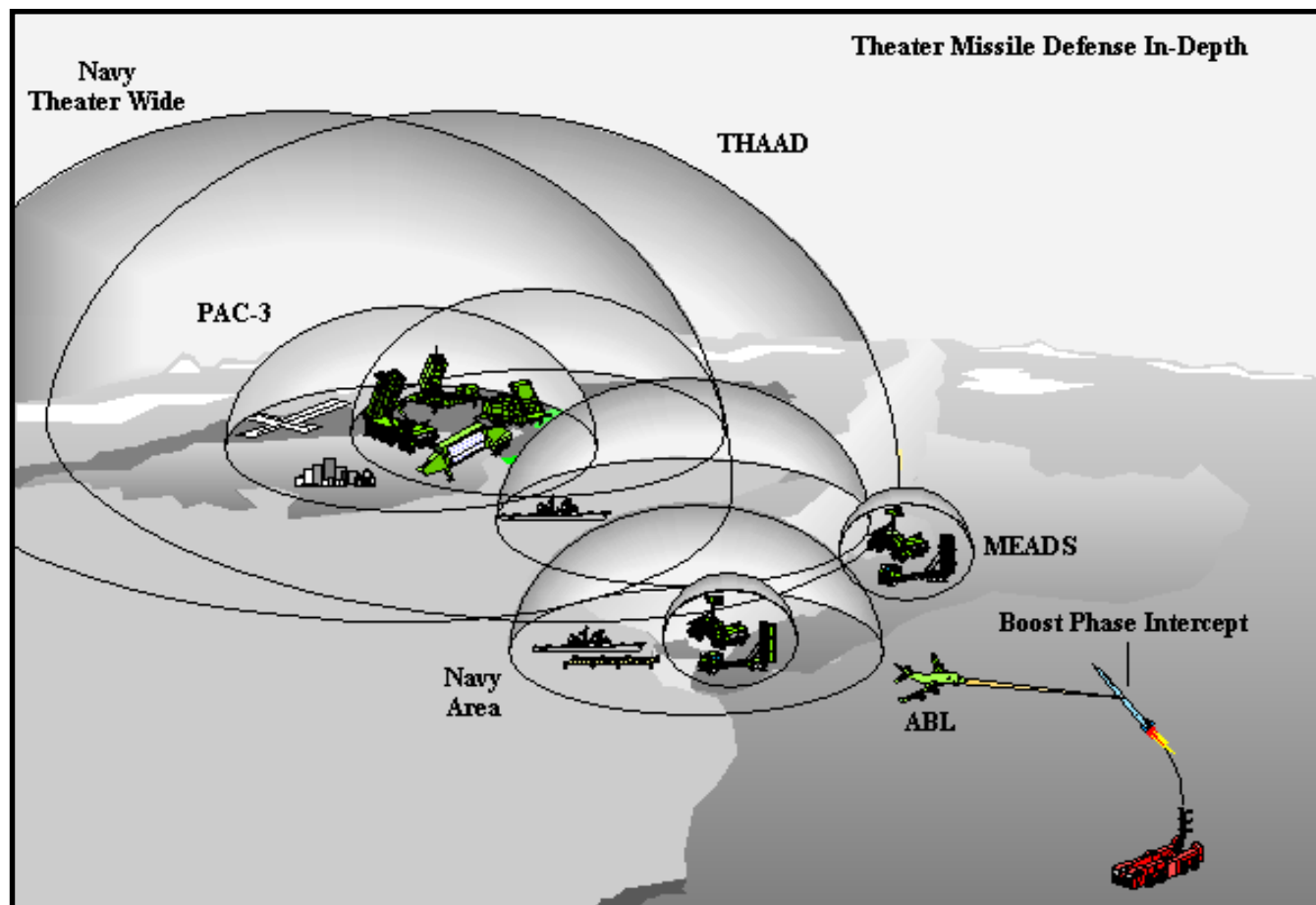
BMDO FACT SHEET 214-00-11

Replaces Fact Sheet 214-99

THE FAMILY OF SYSTEMS CONCEPT

INTRODUCTION

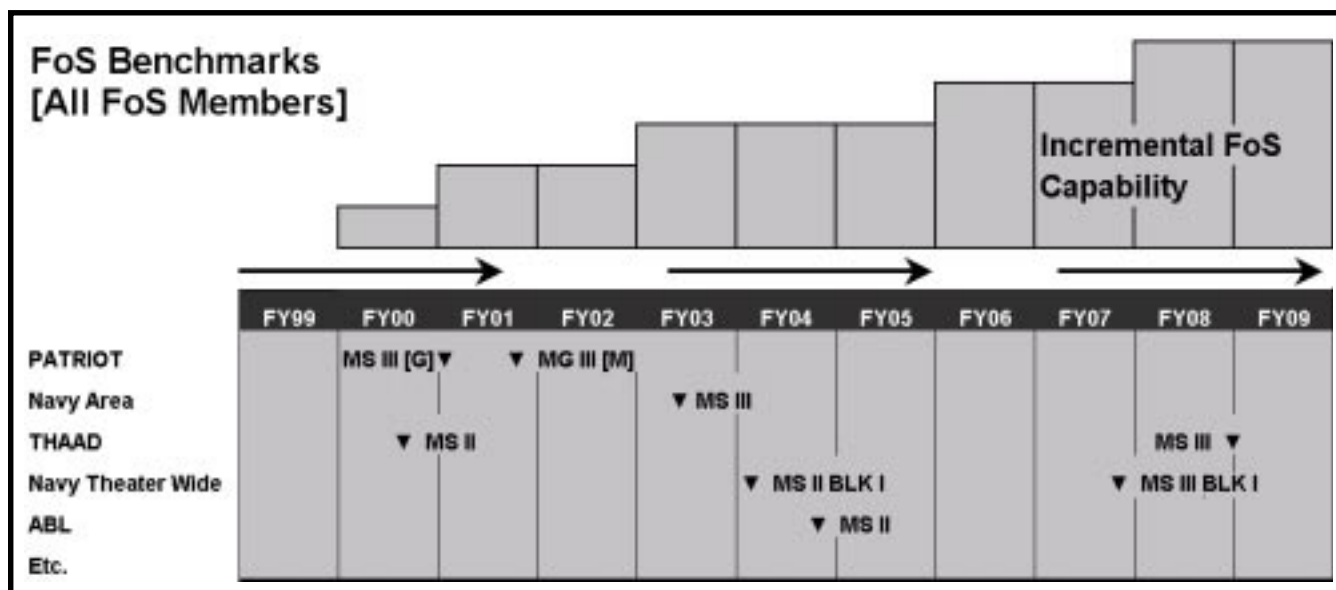
Joint Theater Air and Missile Defense (JTAMD) is the capability to detect, classify, intercept, and destroy (or negate the effectiveness of) enemy aircraft and missiles prior to launch or while in flight, in order to protect U.S. and coalition forces, selected assets, and population centers within an assigned theater of operations. The Ballistic Missile Defense Organization (BMDO) and the Joint Theater Air and Missile Defense Organization (JTAMDO), in coordination with the CINCs, Services, and other DoD agencies, are working to address this mission area. Due to the complexity and diversity of the missile and aircraft threats, a single system is not capable of performing TAMD. To adequately perform TAMD, an integrated Family of Systems (FoS) is required. The FoS concept provides a cohesive, coherent, and effective element of force protection. The FoS supports Attack Operations (both pre- and post-launch attack of enemy TELs and their supporting infrastructure), Active Defense of post-launch Theater Missiles, Passive Defense (primarily early warning), and an integrated BMC4I concept.



NOVEMBER 2000

FoS Test & Evaluation Master Plan

The Capstone Test and Evaluation Master Plan (TEMP) for the TMD FoS summarizes the issues, activities, responsibilities and resources for the TMD FoS Test & Evaluation. This FoS TEMP is a top-level integrating document. It describes the approach to assess and confirm that the systems that make up the FoS can, when acting in concert, provide required TMD capability across the spectrum of threats, environments, deployments, and contingency options. The FoS T&E program builds on and augments the individual TMD system development programs by providing FoS-level test policy and planning, interoperability test tools, common T&E resources, and sponsorship of multi-Service, multi-system test events.



FoS STATUS

Initial documentation is being developed including the FoS SRD/IPP/TEMP. The initial effort addresses the Active Defense portion of the TBMD architecture only. Future efforts will expand the FoS family of documents to include Attack Operations, Active Defense, and Passive Defense for all the TAMD threat types.

Ballistic Missile Defense Organization,
External Affairs
7100 Defense Pentagon
Washington, D.C. 20301-7100
(703) 697-8472